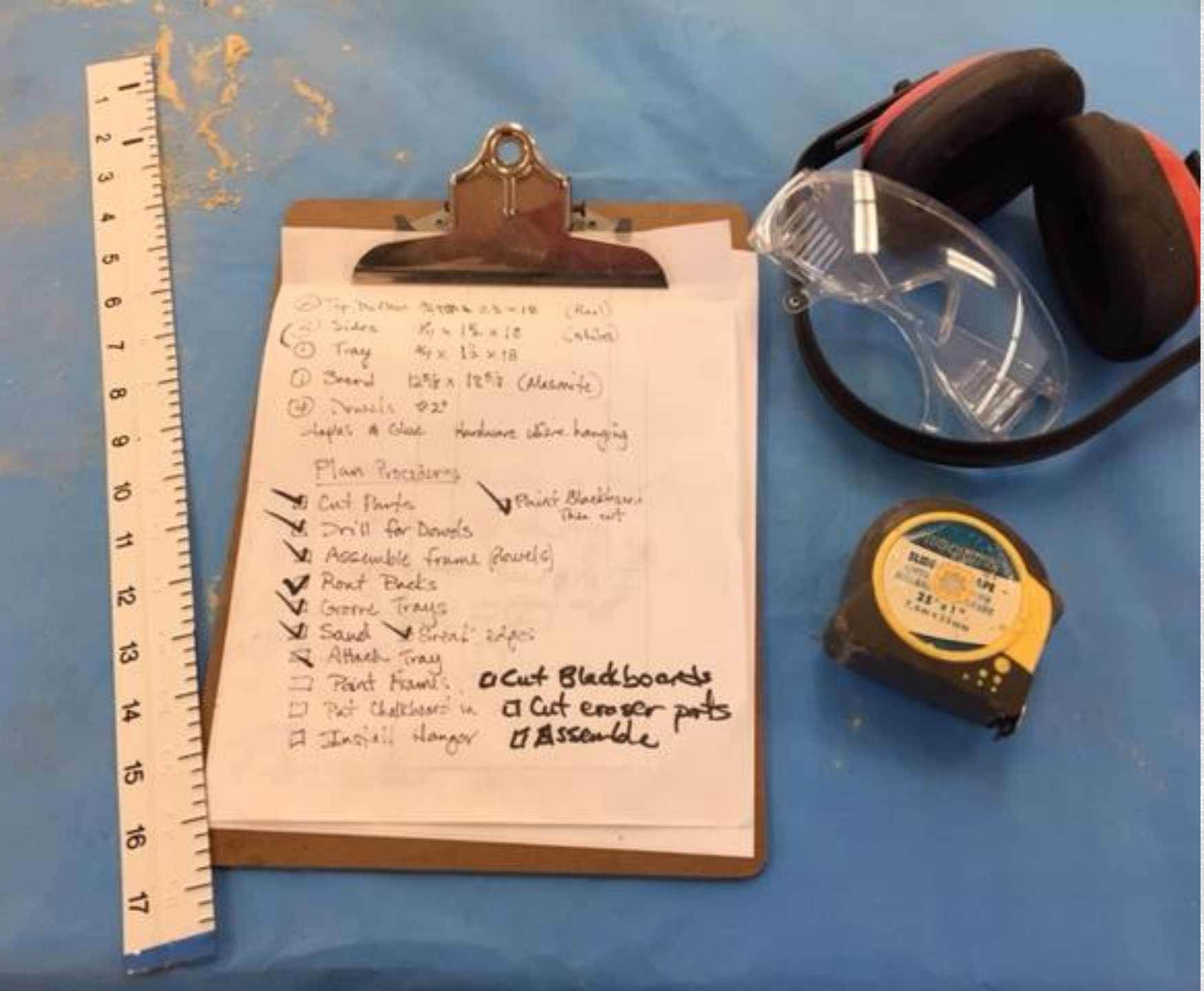
WOODSHOP FALL 2015

Applied Mathematics Class in the Woodshop

Project: Chalkboards



PLANNING

The students applied the problem solving process throughout this project:

Explore

Plan

Solve

Examine

They began with discussing and devising a plan to complete 17 chalkboards.

CHOP SAW

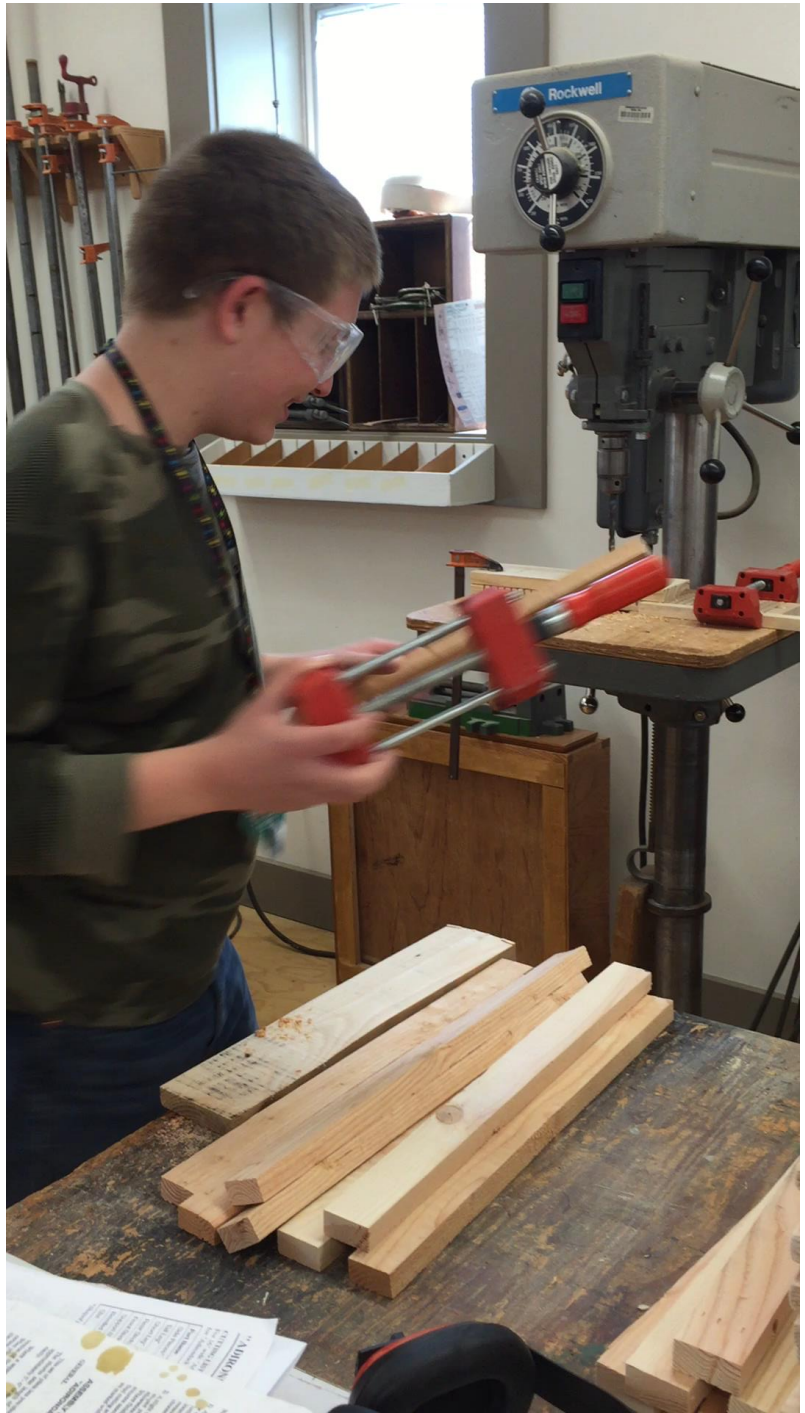
Eric P. cutting parts…

HAND SAWING

Alexis P. cutting dowels…

Drill Press

Eric P. drilling holes for the dowel joinery…



Drill Press

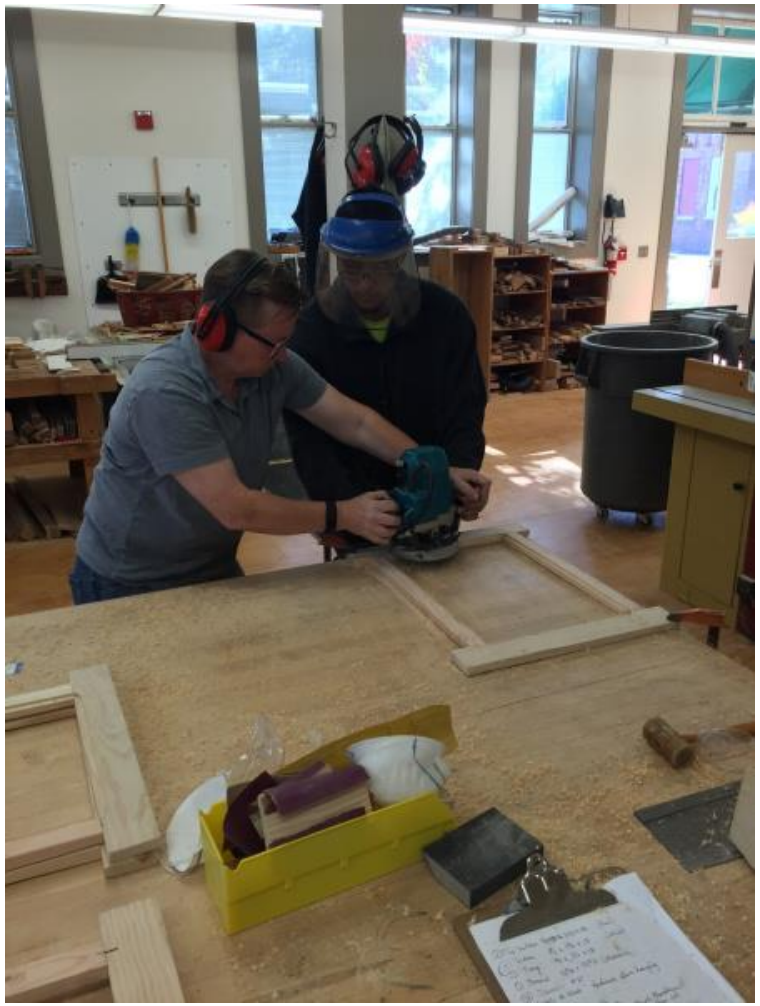
Jorden R. drilling the trays…

Assembly

Alexis P. and Jorden R. assembling the frames with dowels, glue, mallets and clamps…

PAINTING

Jorden R. painting the blackboard material…



Router

Jorden R. and Eric P. learning how to use the router with hand over hand instruction…

ROUTER

Jorden R. independently using the router…

Finish Work

Students sanding and planing…

Assembly

Assembling the trays with dowels, glue, mallets and clamps…

PAINTING

Students priming and painting the frames…

Painted or Stained

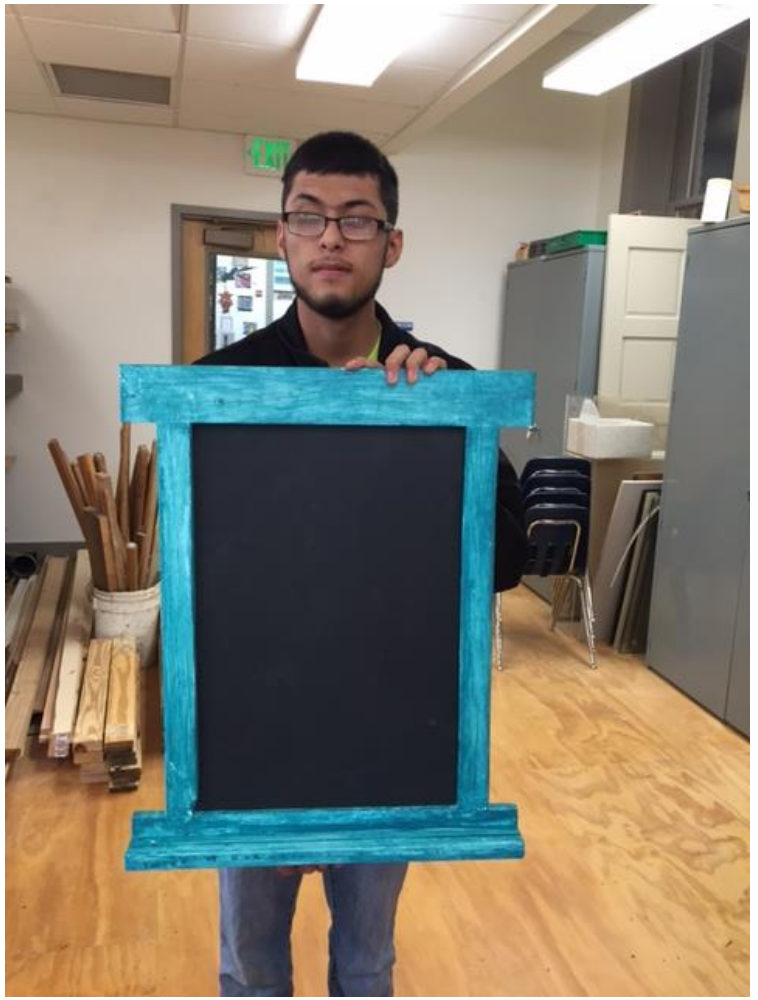
Students painted or stained the frames to custom order…

PANEL SAW

Eric P. cutting blackboard part to install in frames…

AIR STAPLER

Alexis P. stapling the chalkboard part into the frame…



Chalkboard

Completed chalkboard with eraser and chalk!!!